AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 3, line 16, as follows:

The elastomeric container, when it has been filled with the pharmacological solution, exerts a pressure on the solution that has a substantially constant value that pushes the solution into the infusion circuit and through the solenoid valve. The elastomeric container in elastomeric material is chosen in such a way that the pressure that it exerts on the pharmacological solution is of a value such as to overcome the load losses present in the infusion circuit and in the solenoid valve.

Please amend the paragraph beginning at page 6, line 26 as follows:

The piloting device 19 comprises a microprocessor M to pilot the valve 13, that sends sequences of pulses to the solenoid of the valve that cause corresponding opening and closing of the valve. The flow of pharmacological solution that passes through the valve 13 and is sent to the catheter inserted into the body of the patient is proportional to the number of openings and reclosings of the valve 13 in the time unit, i.e., to the number of pulses in the time unit that the piloting device 19 sends to the valve 13.

Please amend the paragraph beginning at page 7, line 31 as follows:

The piloting device 19 can be associated with a reading device R suitable for receiving a data recording support, for example a smart-card, on which data are stored for programming the microprocessor. In this way programming of the microprocessor may occur both from a remote station and by means of said data recording support.